Title (en)

NEAR-FIELD COMMUNICATION SYSTEM AND METHOD, AND TERMINAL

Title (de)

NAHFELDKOMMUNIKATIONSSYSTEM UND -VERFAHREN UND ENDGERÄT

Title (fr)

SYSTÈME ET PROCÉDÉ DE COMMUNICATION EN CHAMP PROCHE, ET TERMINAL

Publication

EP 3098974 A4 20170920 (EN)

Application

EP 14879321 A 20140814

Priority

- CN 201410035742 A 20140124
- CN 2014084435 W 20140814

Abstract (en)

[origin: EP3098974A1] Disclosed are a near field communication system, method and terminal. The near field communication system comprises: a first terminal; and a second terminal, configured to: when it is detected that a coupling capacitance between the first terminal and the second terminal is less than a predetermined value, adjust a connection of a driving channel and/or a sensing channel of the second terminal, to adjust the coupling capacitance between the second terminal and the first terminal; and establish communication between the second terminal and the first terminal when it is detected that the coupling capacitance between the first terminal and the second terminal is greater than or equal to the predetermined value. The system according to the embodiments of the present invention prevents the case of poor coupling of screen signals, such that a user is capable of normally communicating with the first terminal by using the second terminal at any angle, thereby reducing additional operations of the user while improving the success rate and efficiency during the communication, and improving the user experience.

IPC 8 full level

H04B 5/02 (2006.01); **H04B 5/00** (2006.01)

CPC (source: EP KR US)

H04B 5/0012 (2013.01 - EP KR US); **H04B 5/0031** (2013.01 - EP KR US); **H04B 5/02** (2013.01 - KR); **H04W 76/14** (2018.02 - US); H04W 76/14 (2018.02 - EP)

Citation (search report)

- [XI] US 2013231046 A1 20130905 - POPE BENJAMIN J [US], et al
- [A] US 2013147760 A1 20130613 - LAI MING-TE [TW], et al
- [A] CN 102916729 A 20130206 - SHENZHEN HUIDING TECHNOLOGY CO
- See also references of WO 2015109823A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3098974 A1 20161130; **EP 3098974 A4 20170920**; **EP 3098974 B1 20200923**; CN 103873113 A 20140618; CN 103873113 B 20151118; KR 101871085 B1 20180625; KR 20160096675 A 20160816; US 2016337001 A1 20161117; US 9742467 B2 20170822; WO 2015109823 A1 20150730

DOCDB simple family (application)

EP 14879321 A 20140814; CN 2014084435 W 20140814; CN 201410035742 A 20140124; KR 20167018345 A 20140814; US 201615218002 A 20160723